

C
B41Za
1898/99

Beloit

College

Academy

1898-99.



Digitized by the Internet Archive
in 2012 with funding from
University of Illinois Urbana-Champaign



SCOVILLE HALL.

CATALOGUE

OF

Beloit College Academy

A SCHOOL FOR BOYS,

BELOIT, WIS.

FIFTY-FIRST YEAR.

MAY, 1898.

BELOIT, WIS. :
CHAM. INGERSOLL, PRINTER,
1898.

Calendar.

1898.

Spring Term began.....	April 5
Academy graduating exercises.....	June 14
Spring term examinations.....	June 17-18
Presentation of certificates of graduation.....	June 20
Commencement Day, Beloit College.....	June 22
Fall Term (fourteen weeks) begins.....	September 12
Winter Vacation (two weeks) begins.....	December 20

1899.

Winter Term (eleven weeks, three days) begins.....	January 3
Day of prayer for Colleges.....	January 28
Spring Vacation (eleven days) begins.....	March 24
Spring Term (eleven weeks, two days) begins.....	April 4

Trustees of Beloit College and Academy.

EDWARD D. EATON, D. D., LL. D.	<i>President.</i>
THOMAS B. ROBERTSON, Esq, Rockford, Ill.	<i>Vice-President.</i>
CHARLES A. EMERSON, Esq., Beloit.	<i>Secretary.</i>
GEORGE S. F. SAVAGE, D. D.	Chicago, Ill.
ANSON P. WATERMAN, Esq.	Beloit.
SAMUEL W. EATON, D. D. *	Roscoe, Ill.
JOSEPH COLLIE, D. D.	Delavan.
SERENO T. MERRILL, Esq.*	Beloit.
REV. JUDSON TITSWORTH, B. A.	Milwaukee.
DEXTER A. KNOWLTON, B. A.	Freeport, Ill.
ORLANDO B. BIDWELL, Esq.	Freeport, Ill.
EDWARD H. PITKIN, Esq.	Chicago.
ALBERT L. STORY, Esq.	Milwaukee.
WILLIAM E. HALE, Esq.	Chicago, Ill.
JAMES H. MOORE, Esq.	Chicago, Ill.
ELBRIDGE G. KEITH, Esq.	Chicago, Ill.
A. C. BARTLETT, Esq.	Chicago, Ill.
WALTER M. BARROWS, D. D.	Rockford, Ill.
WILLIAM SPOONER, Esq.	Oak Park, Ill.
GEO. H. IDE, D. D.	Milwaukee.
EDWARD P. BACON, Esq.	Milwaukee.
FRANK G. LOGAN, Esq.	Chicago, Ill.
GEORGE H. RAY, Esq.	LaCrosse.
HENRY S. OSBORNE, B. A.	Chicago, Ill.
JONATHAN F. PEIRCE, M. A.	Milwaukee.
REV. EDWARD P. SALMON, M. A.	Beloit.
REV. JOSEPH H. SELDEN, M. A.	Elgin, Ill.
PHILO F. PETTIBONE, M. A.	Chicago, Ill.
FREDRICK G. ENSIGN.	Oak Park, Ill.
JOHN E. WILDER, Esq.	Evanston, Ill.
CHARLES B. STOWELL, Esq.	Hudson, Mich.

*Honorary Members.

Principals of the Academy.

ISAAC E. CAREY, B. A.	1849-55
JOHN P. FISK, M. A.	1855-71
IRA W. PETTIBONE, M. A.	1871-81
WILLIAM W. ROWLANDS, M. A.	1881-83
REV. ALMON W. BURR, M. A.	1884-

•

EDWARD D. EATON, D. D., LL. D.,
President.

Instructors.

REV. ALMON W. BURR, M. A.,
 Principal, Greek and Latin,
 Room A, Scoville Hall. Residence: 742 Church St.

*

Ass't. Principal.

WILLIAM K. HAY,
 Commercial Branches,
 Room M.

ROBERT J. EDDY, B. A.,
 German and English,
 Room E.

HOWARD S. BRODE, Ph. D.,
 Science and Drawing,
 Rooms C, L and G.

FOREST E. CALLAND, M. A.,
 Latin and History.
 Room B.

GEORGE M. JONES, B. A.,
 Mathematics.
 Room D.

BENJAMIN D. ALLEN,
 Music.

CHARLES M. HOLLISTER, B. A., M. D.
 Physical Culture,
 Gymnasium.

C. W. GARDNER,
 Manual Training,
 Room S.

*Geo. P. Bacon, M. A., returns next September as Assistant Principal.

Senior Class.

Classical Division.

Alexander Falconer Beaubain	DeKalb, Ill.
Clarence Howeth Beaumont	Rochester
Hamilton Bradshaw	DeKalb, Ill.
Harry Gardner	Brodhead
Walter Scott Hancock	Columbus
Edward Story Merrill	Beloit
Benjamin Franklin Moores	Genoa Jct.
Herbert Ashby Whitlock	Chicago, Ill.
Leland Sargent Woodruff	Rockton, Ill.

—9

Scientific Division.

Henry Frederic Arnemann	Two Rivers
Robert Leland Brown	Beloit
Ernst John Bunge	Eitzen, Minn.
Roy Lundy Cummings	Roscoe, Ill.
Irving Claude Curtis	Clarendon Ill.
Orlando H. Frick	Antigo
Lyle Everett Gorham	Waukegan, Ill.
Nels Elias Holte	Newark, Ill.
Charles Wesley Hurd	Kampesky, S. D.
Arthur Ebervine Koerner	Milwaukee
William Henry Mahoney	Millers Falls, Mass.
Frank Fassett Moore	Roscoe, Ill.
Marshall Carlton Pease, Jr.	Glenn Ellyn, Ill.
Wilber Hedges Sargent	Roscoe, Ill.
Henry Strong Smith	Beloit
John Henry Van Plew	Ivanhoe, Ill.

—16

Middle Class

Classical Division.

C. Alvin Emerson.....	Beloit
Lewis Larsen.....	Eastman
R. Allen Merrill.....	Beloit
Clarence W. Uplinger ...	Kingston, Ill.
Edward L. Weiss.....	Milwaukee
Clark C. Wright.....	Libertyville, Ill.
Horace Zollars.....	Fort Wayne, Ind.

—7

Scientific Division.

Rudy A. Barnard.....	Beloit
August B. Bergh.....	Orfordville
Edwin O. Bergh.....	Orfordville
Robert L. Blewett.....	Fond du Lac
Arthur E. Burr.....	Beloit
Bert Butler.....	Huntley, Ill.
George Childs.....	Hinsdale, Ill.
Thaw Clark.....	Beloit
Frank E. Cronkhite.....	Rockefeller, Ill.
Robert Crossette.....	Hinsdale, Ill.
Arthur M. DeBerard	Fairfax, Ia.
Frank Decker.....	Beloit
Roy Dorr.....	Antigo
Edwin C. Dresser.....	Clinton
Frank Dupee.....	Earleville, Ill.
John A. Dupee.....	Earleville, Ill.
Lawrence Edwin.....	Verona
Harold William Foster.....	Beloit
Lynn H. Fox.....	Janesville
Arthur C. Gaarder.....	Orfordville
Herbert H. Heath.....	Beloit
Wilber V. Henry.....	Avon
Joseph G. Holte.....	Newark, Ill.

James A. Hopkins.....	Yorkville, Ill.
Fred L. Hunt.....	Elkhorn
Henry B. Jenkins.....	Beloit
Philip B. Kennedy.....	Beloit
Harry Lea.....	Iron River
Hugh C. Mann.....	Chicago, Ill.
Charles A. Mansfield.....	Beloit
Frederick C. Mayer.....	Brodhead
Robert C. Menzies.....	Rock Prairie
John C. Nelson.....	Newark, Ill.
Edward C. Pleffer.....	Beloit
Howard Pryor.....	Lindon
Paul Sheldon.....	Beloit
Leroy Shirley.....	Cherry Valley, Ill.
James Sleeper.....	Beloit
Merrill Strothers.....	Beloit
Charles E. Smith.....	Pierre, S. D.
Roy Soper.....	Clinton
James W. Van Plew.....	Ivanhoe, Ill.
Oscar E. Wee.....	Beloit
William V. Whitfield.....	Beloit
Frank B. Wood.....	Clinton
Dan Wallace Woodard.....	Clinton

—46

Junior Class.

Merle T. Adkins.....	Troy
Benning E. Ballou.....	Larabee, Ia.
Frank E. Becker.....	Forsyth, Mont.
Archie V. Bets.....	Beloit
Benjamin J. Bill, Jr.....	Genoa Jct.
Rudolph Bolte.....	Davenport, Ia.
Lynn H. Brooks.....	Beloit
T. Hugh Clancy.....	Genoa Jct.
Courtney C. Douglass.....	Fontana
Paul Evans.....	St. Louis, Mo.
George M. Ferris.....	Sterling, Ill.
Charles A. Gage.....	Durand, Ill.
Charles W. Gardner.....	Marlin, Tex.

Barton C. Holloway.....	Orangeville, Ill.
Morrell W. Hooker.....	Pearl City, Ill.
Joseph M. Hunt.....	Elkhorn
William H. Hyslop.....	Dane
George Jeffers.....	Hanover Ill.
Fred Johnson.....	Chicago, Ill.
Lawrence Kelly... :.....	Beloit
Willis S. Lattin.....	Shabbona Grove, Ill.
Claude C. Longnecker.....	Rochelle, Ill.
Chas. A. Mansfield.....	Beloit
Victor E. Marriott.....	Sharon
Frank B. Nickerson.....	Hinsdale, Ill.
Walter M. Pearson.....	Beloit
Roy C. Peck.....	Hayward
Herbert R. Petersen.....	Stoughton
Joseph Pipal... ..	Muscoda
Howard H. Plowe.....	Peoria, Ill.
Samuel Rahn.....	Elgin, Ill.
Frank L. Randolph.....	Beloit
Allan B. Rinewalt.....	Williamsville, N. Y.
James R. Robertson.....	Chicago, Ill.
George W. Sexton.....	Chicago, Ill.
Carroll W. Smith.....	Troy Center
Warren J. Stevens.....	Onondago Hill, N. Y.
Charles E. Stickel.....	Chicago, Ill.
Arthur E. Westenberg.....	Kirkland, Ill.
George Willett.....	Madison
George Woodwell.....	Chicago, Ill.

—41

Sub-Junior Class.

Roy Brown.....	Beloit
John Deignan.....	Genoa Jct.
Calvin H. Gilbert.....	Clinton
Earl L. Mason.....	Edgewood, Ia.
Herbert Morrissey.....	Beloit
Frank E. Sherwood.....	Chicago, Ill.
Roy Williams.....	Lone Rock

—7

Business Course.

Second Year.

Albert C. Bunge.....	Eitzen, Minn.
Frank C. Dorfler.....	Ivanhoe, Ill.
George A. Gilman, Jr.....	Beloit
Conrad M. Hansen.....	Beloit
Wilbur O. Kelly.....	Newark, Ill.
Arthur Mattison.....	Beloit
Herman Sater.....	Orfordville
	-7

First Year.

George Atwood.....	Roscoe, Ill.
James F. Austin.....	Milwaukee
Henry B. Chester.....	Sharon
Edwin E. Elliott.....	Milwaukee
Ralph W. Emerson.....	Caledonia, Ill.
Charles F. Fossum.....	Beloit
Wellington Goodrich.....	Dunbar
Allen Hahn.....	Pearl City, Ill.
Henry S. Hurlbut.....	Racine
John Hyslop.....	Dane
Frank James.....	Afton
William Lathrop.....	Racine
Asabel Smythe.....	Newark, Ill.
J. C. Van Auker.....	Beloit
Edward P. Wagner.....	Fremont Center, Ill.
	-15

Summary.

Senior Class.....	25
Middle Class.....	52
Junior and Sub-Junior Classes.....	48
Business Course.....	23
Total Enrollment.....	148
Number Enrolled, Fall term, '95.....	130
Number Enrolled, Winter term, '96.....	125
Number Enrolled, Spring term, '96.....	109

Location.

Beloit, a city of about 8,000 inhabitants, is on the state line, ninety miles northwest of Chicago. Its people are largely of New England origin. The Academy, College buildings and homes about them, are situated on a point of the bluff some forty feet high, lying between Rock River and Turtle Creek. Its drainage, water and record for health are excellent. The river affords many beautiful views and boating and skating in season.

The surrounding region offers abundant attractions for pedestrian and bicycle excursions, either in quest of material for scientific study or for exercise and recreation.

Beloit is reached by the Chicago & Northwestern or by the Chicago, Milwaukee & St. Paul Railway.

Purpose.

The work of the Academy is to fit young men for college, technical schools and business life. Its mission is to do this under Christian influences and with that wise guidance and development of responsibility that makes the Christian school the best transition for the boy from his home to his place in the world. In the spirit, therefore, of the "Ordinance of 1787," and of Beloit College, of which it is the Preparatory Department, the Academy believes the daily touch with Christian truth and Christian life necessary to the highest character and scholarship and to the best training of the coming man and citizen. Christian manhood and practical thought-power are the ends it seeks.

Courses of Study.

The Academy has three courses of study. The Classical Course gives ample preparation for College, with the high standard of the Eastern preparatory schools. The Scientific Course prepares for Philosophical and Science Courses in college and for the best schools of technology in the country. At this time the Academy has students with an honorable record in Beloit, Yale, Williams, Amherst, Boston School of Technology, Princeton, Chicago University, etc., and its certificates are accepted by every College or University that admits by certificate. Every possible facility for hastening preparation in the above courses is given those who do their work thoroughly.

The Business Course of two years gives special training in business forms, methods and law, and seeks to ground its pupils in those facts, principles and obligations that should govern a business life.

Courses of Study.

Classical.

Scientific.

JUNIOR YEAR—*Fall Term.*

Latin Lessons. [J]	Book-keeping.
Algebra. [C]	Physiology.
Physical Geography.	English Grammar and Analysis.
Reading: "The Life of Washington."—Scudder.	

Winter Term.

Latin Lessons. [I]	Latin Lessons. [J]
Cæsar. [H]	Algebra. [C]
Algebra. [B]	Physical Geography.
Reading: "Coal and Coal Mines."—Green.	

Spring Term.

Cæsar. [G]	Latin Lessons. [I]
Roman History and Ancient Geography.	Roman History and Ancient Geography.
Rhetoric.	Latin Composition.
Algebra. [A]	Algebra. [B]
Latin Composition.	

Examination in Modern Geography.

MIDDLE YEAR—*Fall Term.*

Cicero. [F]	Cæsar. [H]
Greek Lessons. [F]	German. [E]
Physiology.	Algebra. [A] Rhetoric.
Latin Composition.	Latin Composition.
Reading: United States History.	

Winter Term.

Cicero. [E]	Cæsar. [G]
Greek Lessons. [E]	Grecian History.
Plane Geometry. [C]	German. [D]
Free-hand Drawing.	Chemistry. [A]
Latin Composition.	Latin Composition.
Reading: Selections from "Plutarch's Lives."	

Spring Term.

Virgil—Æneid. [D]	Cicero. [F]
Xenophon—Anabasis. [D]	German. [C]
Plane Geometry. [B]	Chemistry. [A]
Greek Composition.	Latin Composition.
Reading: "Tom Brown at Rugby."—Hughes.	

SENIOR YEAR—*Fall Term.*

Virgil—Æneid. [C]	Cicero. [E]
Xenophon—Anabasis. [C]	Plane Geometry. [B]
Grecian History.	Free-hand Drawing.
English Classics.	German. [B]
Greek Composition.	Latin Composition.
Reading: Guest's English History.	



Winter Term.

Physics—Mechanics,
 Virgil—Eclogues, [B]
 Homer—Iliad, [B]
 Latin at Sight—Ovid,
 Greek Composition,

Physics—Mechanics,
 Virgil—Æneid, [D]
 German, [A]

Reading: "Frederick the Great,"

Spring Term.

Cicero—Latin Review, [A]
 Xenophon—Anabasis, [A]
 Greek Review,
 Greek at sight,
 Plane and Solid Geometry, [A]

Virgil—Æneid [C], or Zoology,
 Botany,
 Plane and Solid Geometry, [A]

Reading: "The House of the Seven Gables"—Hawthorne.

Business Course.

FIRST YEAR—Fall Term.

Commercial Geography,
 Business Arithmetic,
 English History,
 Rhetoric,

SECOND YEAR—Fall Term.

Book-keeping, [B]
 Physiology,
 German, [E] or Latin [J]
 Reading: United States History,

Winter Term.

Free-hand Drawing or Manual Training,
 Biography,
 Penmanship,
 Algebra, [C]

Winter Term.

Book-keeping, [A]
 Physical Geography,
 German, [D] or
 Latin, [I]

Spring Term.

Algebra, [B]
 Civil Government,
 Business Correspondence and Typewriting
 Examination in Modern Geography,
 Declamations, Essays and Bible study throughout the courses,

Spring Term.

Commercial Law,
 Elements of Economics,
 History of Commerce.

Sub-Junior Studies

Fall Term.

Latin [K] or
 English History,
 English Grammar or
 Commercial Geography,
 Arithmetic,

Winter Term.

Latin [J] or
 Grammar, [A]
 Book-keeping,
 Rhetoric and
 Manual Training,

Spring Term.

Latin [I] or
 Latin, [K]
 Algebra, [D]
 Civil Government,

Text Books.

Bennett's Latin Grammar and Latin Composition, Comstock's and Scudder's Latin Lessons, Lowe and Ewing's Cæsar, Harkness' Cicero, Greenough's Virgil; Hadley and Allen's Greek Grammar, Keep's Greek Lessons, Keep's Iliad; Otis and Joynes-Meissner's German Grammars; Wentworth's Algebra, Phillips and Fisher's Geometry; Smith's History of Greece, Meyer's History of Rome; Longman's English Grammar; Tarr's Physical Geography, Hyatt and Arm's Insecta, Bergen's Elements of Botany, Williams' Elements of Chemistry, Martin's Human Body; Lodge's Mechanics, Packard's Book-keeping and Williams and Roger's Commercial Law.

Equipment.

Scoville Hall.

Beloit College Academy has occupied, since 1890, the attractive and exceedingly serviceable building presented by the late Mr. J. W. Scoville, of Oak Park, Ill., and named in his honor. Built of red pressed brick, with terra cotta trimmings, it is situated on an eminence at the southern extremity of the College campus. In Scoville Hall practically all the work of the Academy is carried on. In the basement, in addition to the heating, ventilating and sanitary apparatus, and apartments for two student janitors, there is a chemical laboratory, furnishing ample facilities for a class of twenty-five, and a carpenter shop completely equipped for a practical, introductory course in the use of wood-working tools. The main floor is occupied by the Principal's office at the left of the entrance, a room containing the reference library at the right, and by four recitation rooms. On the second floor is a fifth recitation room, a large room used for the "Junta," the literary society, and for prayer-meetings of the students, and a larger assembly hall for the gatherings of the whole academy. The topstory is divided into three rooms, one of which is equipped with casts and other apparatus for the work in free hand and mechanical drawing and for laboratory work in botany. The other two rooms, large, well-lighted and pleasant, serve for the work of the Business Department, for which they have been especially fitted.

Chapin Hall,

the gift of Dr. D. K. Pearsons, and named by him in honor of ex-President Chapin, is open alike to College and Academy students. It is one of the most perfect buildings of its kind in the country, having hard-wood floors, reception-room, bath-rooms, electric lights in halls and public rooms, etc.

It is also of special value to Academy students that the College library, College collections, museum, gymnasium, athletic and musical organizations are as free to them as to members of the College.

Work and Methods

LATIN.

The aims in this study are these: Discipline through the mastery of its forms and structure, the comparative study of the English and Latin languages for the better understanding of the first, and facility of expression in clear, idiomatic English by means of translation from the Latin.

LATIN, J. AND I.—Two terms.—The beginner in Latin commences with Comstock's First Latin Book, and in about twenty-seven weeks completes it and enters Cæsar. No student is advanced until these first elements are thoroughly mastered. To prepare younger pupils for work of Latin J. Scudder's Latin Lessons, Latin K., may be taken.

LATIN, H. AND G.—Two terms.—The Cæsar Classes read books I., II. and IV. Ability to translate clearly and accurately, and acquaintance with the author and with the Roman soldier are the main ends of the class work. Emphasis is placed at the start upon the principles of the Roman pronunciation and upon a careful review of declensions and the syntax of nouns. There is one recitation a week in Bennett's Latin Composition.

LATIN, F. AND E.—Two terms.—Cicero's four orations against Catiline, and the one for the Poet Archias. The etymology and syntax of the Latin verb and the peculiar structure of the Latin sentence, receive special attention. The rendering into Latin of continuous English passages based on the Orations, is also a frequent exercise.

LATIN, D. AND C.—Two terms.—Six books of Virgil's *Æneid*, with the principles of Latin prosody as illustrated in the hexameter, Roman Mythology and individual studies of themes suggested by the text.

LATIN B.—This term is devoted to Virgil's *Eclogues*, and the reading at sight of about 1,000 lines of Ovid's *Metamorphoses*.

LATIN A.—The reading of Cicero's oration for the *Manilian Law*, of some portions of Sallust's *Catiline*, and a general review of the Latin grammar, and of portions of previous readings, constitute the advance work and the Latin review of this last term.

GREEK.

The study of this language has a disciplinary value in the power required to grasp its details and the theory of its forms, and in its perfection as a means of expressing thought, that makes it the best kind of training for professional and business life. While not every young man should study Greek, for him who can do so with success, the best of power and of culture are within his reach by means of it.

GREEK, F. AND E.—These two terms are occupied with a thorough grounding by written and oral work in Greek forms. Keep's *Greek Lessons* and four or five pages of the *Anabasis* are covered in this time.

GREEK, D.—In this term the first eight chapters of the *Anabasis* are read, the review and analysis of the Greek verb are completed, and the syntax of the Greek noun is taken up.

GREEK, C. AND B.—A term and a half are given to the completion of four books of Xenophon's *Anabasis*, together with the mastery of the syntax of the Greek verb. At the middle of the second term the *Iliad* of Homer is begun with a thorough study of epic forms, and of the thought of the times.

GREEK, A.—In this term Books II. and part of III. of the *Iliad* are read. A large part of the *Anabasis* and the Greek Grammar are reviewed.

Jones' *Greek Composition* is studied through the Senior year and finished.

GERMAN.

The course extends through five terms and aims to enable the student to speak, read and write ordinary German with facility. Eight weeks of the first term are devoted to acquiring the common gram-

matical forms and principles. During the remainder of the term one or more books of easy German are read and the declensions and conjugations reviewed. In the second term reading is continued and the syntax of the cases and of prepositions is studied. The third term takes up composition and derivation of words with reading illustrative of these principles. During the fourth term German composition and reading at sight are taken up. The last term is devoted to a careful study of some of the masterpieces of poetry and prose.

The amount and character of the work done is indicated by that done by the class of '96: Heyse's *L'Arrabbiata*, Bernhard's *Im Zwielficht*, Hillern's *Hoher als die Kirche*, Benedig's *Die Hochzeitsreise*, Stifter's *Das Haideedorf*, Fischer's *Die Wandelude Glocke*, Ali Baba, Reihl's *Das Spielmannskind und Der Stumme Ratsherr*, selections from *Beruhmte Deutsche*, and Schiller's *Wilhelm Tell*. German conversation is required from the beginning and one or more original German essays are required.

MATHEMATICS.

The course in Algebra covers the subject through Quadratics and Radicals in Wentworth's *Higher Algebra*. Two and a half terms are given to the work, and classes begin both in September and January. Geometry is begun both in September and January, the course in Plane Geometry taking one term, or a term and a half, according to the length of the term. Great stress is laid on the solution of original exercises. In the spring term of the Senior year there is a general review of Plane Geometry, together with the study of Solid Geometry as far as the sphere.

SCIENCE.

PHYSICAL GEOGRAPHY is made the beginning of the science work. In it are taught the elements of several of the sciences that later are more fully developed. The earth's movements and the changes they induce, day and night, seasons, tides, etc., the formation of the earth's crust, the upheaval and eruptive forces, the agents of erosion, the history of the earth's development, the present distribution of living forms, are the topics most carefully studied.

PHYSIOLOGY is taught with an abundance of illustrative material. The skeleton, manikin, eye and ear models, microscopic sections of tissues and organs, stereopticon slides, clay models and the dissections

by the class, all aid in giving true and vivid conceptions of the parts, their relations and functions.

CHEMISTRY.—The chemical laboratory is fully equipped. Each student has his individual table provided with the necessary apparatus and reagents. Two hours' laboratory work is required three times a week; the other two days are devoted to recitation. The instruction aims to give the student a knowledge of the properties, compounds, and reactions upon each other of the more common elements, together with a thorough drill in chemical manipulation. The work of writing equations and solving problems accompanies the laboratory work throughout the term. This may be taken either in the winter or the spring term.

The sciences of the Junior and Middle years must be taken before those of the Senior year.

ZOOLOGY AND BOTANY are both taught with laboratory work in the spring term. The time devoted to each is eight hours a week.

In Zoology the first half of the term is spent in studying the anatomy and life-history of representative vertebrates, including special work on birds. The remainder of the term is taken up with the study of insects. Carefully prepared notes and drawings are required.

The work in Botany is confined to the flowering plants, beginning with an extended study of seeds and their germination and including a careful examination of the parts of plants with reference to their structure and function. Drawings and descriptions of some thirty typical plants are required in addition to the more general work.

In both Zoology and Botany the text books are supplemented by an extensive use of the reference library, which is especially adapted to the work as outlined.

A first class electric lantern with microscopic attachment is conveniently placed in the recitation room and is used in connection with all the science work.

PHYSICS.—The work in this subject is limited to Mechanics, including a course of lectures on some practical application of its principles.

HISTORY.

ROMAN HISTORY AND ANCIENT GEOGRAPHY are based on Meyers' Text Books. Practical familiarity with Classical Geography and with the main facts of Roman History as a basis for the study of the classical authors read, is the result sought in this work.

GRECIAN HISTORY.—Smith's Smaller History of Greece. This course

Bible Study.

One hour each Monday morning is given to Bible study. Some portion of the Bible is selected for study each term. On parts of this, week by week, questions are carefully prepared by the instructors and given to the class, to be answered in writing at the next exercise. In these answers the student searches out the facts of Bible history and the divine teachings, and makes plain statements of the meaning and application of the truths found. During the last half hour of the exercise a discussion of the answers prepared gives each student the benefit, under the guidance of an instructor, of the study and opinions of other minds.

Commercial Studies.

The Business Course meets the demand for a general education and the characteristic studies of the best commercial colleges. A set of bank furniture gives bank and business offices, for practical work, for each student of the Book-keeping classes.

Entrance upon this course requires a good knowledge of English grammar, descriptive geography and arithmetic through percentage. The theory and practice of accounting are pursued on the "actual business" plan, the student performing, from the first lesson, all transactions, making out and handling all papers, keeping a bank account and recording every item of business just as it is done in a book-keeper's office.

In the Penmanship class a rapid and legible handwriting may be acquired in a term. Those who desire may add artistic script, card-writing, round-hand, lettering, engrossing, flourishing and design.

Business Correspondence aims to develop, by practice, in each student the art of composing, typewriting and folding any form of correspondence.

The world's resources and productions, routes of commerce on land and sea, markets and manufacturers, the science of business and commercial credits are carefully considered under Commercial Geography and the history of Commerce, while History, Political Economy, Science of Government and Commercial Law, all full-term studies, give the pupil the true idea of business life and his relations to society.



THE DRAWING ROOM.

A Shorthand Course is offered to those who desire it, and affords an ever-ready means of livelihood and invaluable help to the professional man, either after completing the school course or during the frequent vacations. The system taught is the Cross Eclectic.

The Library.

Through the efforts of Dr. G. F. Savage, of Chicago, the Academy has been supplied with a reference library. It occupies a convenient room on the main floor, and is fitted up with encyclopædias, dictionaries and such reference books in history, the classics, science and literature as bear directly on the work of the student. Only the most valuable works, constant reference to which is required in the work of the several departments, are included. For further reference or for occasional reading the student has access to the College Library, which now contains over twenty thousand volumes.

Manual Training.

The work of this department may well become a part of a liberal education. All should know how to use skillfully that wonderful organ, the hand. An hour's well-directed work in a shop or laboratory affords as much mental discipline as an equal amount of time with books, and imparts a valuable facility in the use of tools and apparatus.

The work done is in wood, embracing, after introductory work, a systematic course in joints, as martins, dovetails, dowels and so forth. Opportunity is also afforded each term to make some useful article of the pupil's choice. The class meets five hours a week. For this department there is a well-lighted, well-heated room in the basement of Scoville Hall. The carpenter's benches, with hard maple tops, are equipped with Massey vices, lockers and sixteen sets of tools.

Music.

The instructor in Music in the college conducts classes in singing during a part of each school year. The members of these classes are

taught to read music at sight and to use their voices correctly. The Tonic Sol Fa method is used in drill work, and the principles thus acquired are applied to staff notation. These classes are open to both College and Academy men, and are without extra charge. Mr. Allen also gives private instruction in singing at a nominal fee. Other and choice opportunities are afforded students for the study and hearing of music through Mr. Allen's lectures, the Chapel Choir, the Glee Club and other musical organizations of the College.

"Junta."

On the second floor of Scoville Hall a fine, large room has been fitted up for "Junta," the volunteer literary society of the Academy. It is entirely under the management of the students, and gives valuable practice in extemporaneous speaking and parliamentary usage. All members of the Academy are eligible to membership. Its present membership numbers about fifty.

The "Junta" also publishes each fortnight *THE CLIMAX*, a paper devoted to the interests of the Academy.

Athletics

The athletic interests of the Academy are centered in gymnasium work during the winter term and in field sports during the fall and spring. The gymnasium is well equipped with apparatus for thorough physical development and is fitted up with baths and lockers. Gymnasium work under a trained instructor is required throughout the winter term. A voluntary military company is also organized and drilled, and the several base-ball and foot-ball teams are under constant training during this term. The Keep Athletic Field, where the outdoor sports and the games of the fall and spring are held, is situated a half mile east of the College campus.

Examinations and Reports.

At the close of each term examinations are held in all studies. To finish a middle or senior study the examination mark must not fall below fifty-five, nor the term average below sixty-six. In all other



IN THE BUSINESS DEPARTMENT.

studies a term average of sixty-six passes the student. The term averages are made by combining the daily work with the examination mark.

Special written review exercises are given from time to time in each study, and have proved very useful in showing the student his deficiencies before it is too late to remedy them.

At the end of each term reports are mailed to the student's parents or guardian. These give the examination marks, term averages, number of absences and deportment for the term.

All who complete either the Classical or the Scientific Courses, and whose character and conduct are approved, will receive certificates of graduation. Those who finish the Business Course will be given, on so doing, certificates to that effect.

Government and Regulations.

The discipline of the Academy aims to develop, under watchful oversight, the personal responsibility and moral character of the pupil. It especially seeks that personal acquaintance and helpfulness which is the best part of any student's education. No one whose example or influence is injurious or who fails to show a spirit of work is permitted to remain.

The use of cigarettes is forbidden and the habitual use of tobacco may bring notice at the end of any term that the student is not to return.

Attendance upon the morning services of the church chosen by parent or pupil, and upon the vesper service at the College Chapel is required.

The Academy is conducted on the principle of entire frankness with pupils and with parents, and nothing is so serious or so likely to cause a pupil's separation from the Academy as his failure in this respect.

Terms and Methods of Admission.

Applicants for admission to the Junior Class must be well prepared in Descriptive Geography, English Grammar, United States History and Arithmetic.

No student will be admitted to the Academy who is not prepared to

begin at percentage in arithmetic, or who is under 16 years of age, unless placed in the special care of some resident of Beloit.

Students may enter the Courses at any point for which they are found to be qualified. Pupils may take select studies for a time with the consent of the Principal.

At the pupil's first entrance to the Academy a list of his previous studies is taken and his classification for the term is determined by a careful inquiry into the quality of his work in Language, Mathematics and Geography, by the several teachers in those branches. Experience has proven that few thus classified need to be changed, but changes are made at any time in the term when necessary.

New students should be present on Tuesday morning and others Tuesday afternoon at the opening of each term.

Students are urged to enter in the spring rather than to wait for the fall term. By so doing they may have more personal help, may take needed reviews or back studies, get a better start for next year's work, and will often save a whole year. Many important studies begin in the spring. Opportunities for self-help are much better and expenses are less in the spring term than in any other of the year.

Expenses.

Tuition, fall term, 15 weeks.....	\$12 00
Tuition, winter and spring terms, each.....	10 00
Incidentals, Library, Gymnasium, per term.....	3 50
Total for the year.....	\$42 50

Tuition fees must be paid by the end of the first two weeks of the term or suspension may follow.

In Chapin Hall are accommodations for 68 students. A study and bed-room, suitable for two students, cost \$1.00 a week, and a single room 60c These rooms are furnished with bedstead, spring bed, mattresses, pillows, bureau with mirror, washstand and furniture, table, chairs, window shades and stoves. The occupant will provide himself with bedding, metal lamp and whatever more his tastes may require. The floors are of hard wood.

There are a few suites of unfurnished rooms in North College where a study with two small adjoining bed rooms, on the south side,

if occupied by two, costs 37½c a week for each occupant; the price for the same accommodations on the north side is 25c. In these rooms are stoves, the other furnishings being provided by the occupants.

Those wishing to engage rooms in Chapin Hall or North College should address PROF. L. E. HOLDEN, Beloit, Wis.

Furnished rooms in private houses cost from 75c a week (with roommate) to \$2.00 a week for each occupant.

Table board may be secured in private houses at prices not exceeding \$3.50 a week, and in Chapin Hall board is furnished at \$2.00 a week. This dining hall, which was established for the purpose of supplying substantial, well-cooked food at the lowest possible price, is managed under the partial supervision of the College authorities on the co-operative plan, and has a seating capacity of 120.

The expenses of the student may be estimated from the following table:

	Economical.	Liberal.
Tuition.....	Fall Term ...\$12 00 Winter Term. 10 00 Spring Term.. 10 00 ... 32 00	\$32 00
Library and Gymnasium fees.....	10 50	10 50
Board.....	76 00	133 00
Room, light, fuel, etc.....	20 00	75 00
Washing.....	16 00	25 00
Text-books.....	8 00	17 00
	<u>\$162 50</u>	<u>\$292 50</u>

Many opportunities for partial self-support by work can be found in Beloit, and moderate lack of financial means need not keep from an education an upright, energetic, and faithful young man.

Academy Extension Lectures.

These lectures are the results of special work in the several departments. Terms will be given on application.

Terms of Admission to Beloit College.

Candidates for admission must present satisfactory testimonials of good moral character; certificates of regular dismissal are required of those who come from other colleges.

Candidates for admission to the Freshman class are examined in the following subjects and book:

CLASSICAL COURSE.

I. LATIN—

Grammar: Bennett's, Harkness', or Allen and Greenough's.

Cæsar: three books of the Gallic War.

Virgil: six books of the *Æneid*, and the *Eclogues*.

Cicero: seven Orations. Sallust; Catiline.

Prose Composition; Collar's or Bennett's. Reading at sight.

II. GREEK—

Grammar: Hadley and Allen's, or Goodwin's.

Xenophon: four books of the *Anabasis*.

Homer: two books of the *Iliad*.

Prose Composition: Jones. Reading at sight.

III. MATHEMATICS.

Arithmetic: including the Metric System.

Algebra: Wentworth's, through Quadratics.

(Preparation in an Elementary Algebra will not be sufficient.)

Geometry, to the Sphere: Wentworth's or Phillips & Fisher's.

IV. HISTORY—

United States: Johnston's United States, or its equivalent.

Greece: Smith's History of Greece, or its equivalent.

Rome: Meyer's History of Rome, or its equivalent.

V. ENGLISH.

The examination for 1898 will consist of a short essay upon some topic from the following readings prescribed by the association of American colleges: Shakspeare's *As You Like It*, Defoe's *History of the Plague in London*, Irving's *Tales of a Traveller*, George Eliot's *Silas Marner*; Shakspeare's *Merchant of Venice*, Burke's *Speech on Conciliation with America*, Scott's *Marmion*, Macaulay's *Life of Samuel Johnson*.

VI. SCIENCE—

Geography.

Physiology: Martin's Human Body (elementary) or its equivalent.

Physical Geography: Geikie's or its equivalent.

Elementary Physics: Avery's Physics or its equivalent.

PHILOSOPHICAL COURSE.

I. LATIN—

Grammar: Bennett's, Harkness's, or Allen's and Greenough's.

Cæsar: three books of the Gallic War.

Virgil: six books of the Æneid.

Cicero: five Orations.

Prose Composition: Bennett's.

II. MATHEMATICS, HISTORY AND ENGLISH —

The same requirements as for the Philosophical course.

III. GERMAN—

Grammar: Joynes-Meissner.

Reader: Joynes Reader.

Readings: Bernhardt's *Im Zwielficht*, vol. I, Auerbach's *Brigitta* (Gore), Bernhardt's *Novelletten-Bibliothek*, vol. 1, Lessing's *Minna von Barnhelm*.

Composition, Bucheim, first twenty pages.

Equivalents of the above will be accepted.

IV. SCIENCE—

a. Physiology and Physical Geography: the same requirement as for the classical course.

b. Physics: two terms with laboratory work. Avery's Physics or an equivalent.

c. Biology: two terms work in Botany, Zoology, or General Biology of which at least one third of the time must be devoted to laboratory work.

d. Chemistry: one term with laboratory work.

V. ENGLISH—

A course in English composition or English literature, the equivalent of three weekly recitations for one year.

SCIENCE COURSE.

I. LATIN—

a. Maximum requirement:

The same as for the Philosophical course.

b. Minimum requirement:

Grammar: Bennett's, Harkness's or Allen's and Greenough's.

Cæsar: three books of the Gallic War.

Cicero or Virgil: six orations of Cicero or six books of the *Æneid* or their equivalents.

Prose Composition: Bennett's.

II. GERMAN—

The same requirements as for the Philosophical course.

III. MATHEMATICS, HISTORY AND ENGLISH—

The same requirements as for the Philosophical course.

IV. SCIENCE—

a. Maximum requirement:

Applicants presenting the minimum requirement in Latin, must have had at least one year of science in excess of the requirements in science for the Philosophical course. The excess must be in Physics, Chemistry, Biology or Physiology.

b. Minimum requirement:

Applicants presenting the maximum requirements in Latin will be received upon the same requirements in science as in the Philosophical course.

V. FRENCH—

An equivalent in French will be accepted instead of the German requirement in either the Philosophical or Science course.

INDEX.

Admission.....	23
Aim.....	11
Athletics.....	22
Beloit—the City.....	11
Bible Study.....	20
Board.....	25
Botany.....	18
Building.....	14
Business Department.....	20
Calendar.....	2
Chapin Hall.....	15-24
Chemistry.....	18
College Entrance.....	25
Commercial Studies.....	20
Courses of Study.....	11-13
Dormitory.....	15
Drawing.....	19
English.....	19
Examinations.....	22
Graduation.....	23
German.....	16
Government.....	23
Greek.....	16
History.....	18
Instructors.....	5
Junta.....	22
Latin.....	15
Lectures.....	25
Library.....	21
Literary Society.....	22
Location.....	11
Manual Training.....	21
Mathematics.....	17
Music.....	21
Physical Geography.....	17
Physics.....	18
Physiology.....	17
Principals.....	4
Regulations.....	23
Reports.....	23
Rooms.....	24
Scoville Hall.....	14
Self-help.....	25
Seniors, Special requirements for.....	17-19
Shorthand.....	21
Students, List of.....	6-10
Summary, Students.....	10
Text Books.....	14
Tuition.....	25
Trustees.....	3
Typewriting.....	20
Zoology.....	18



3 0112 105581182